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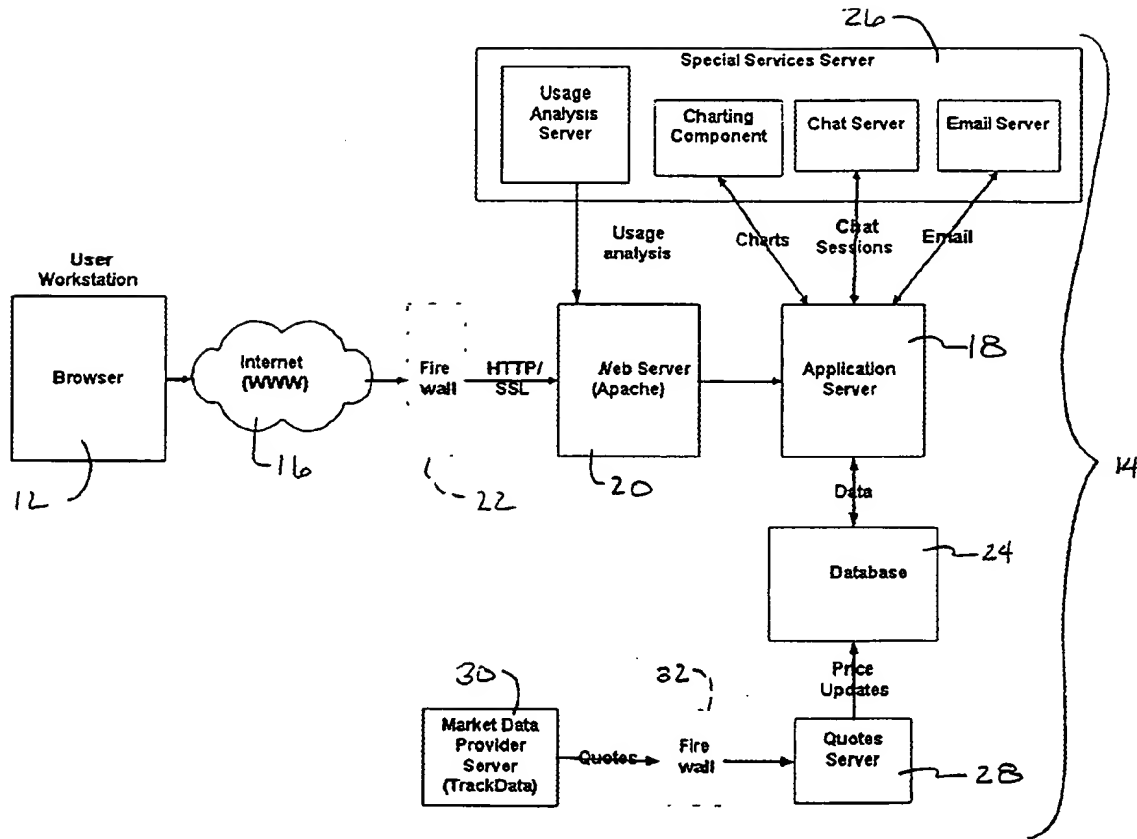


FIG. 1: SYSTEM ARCHITECTURE

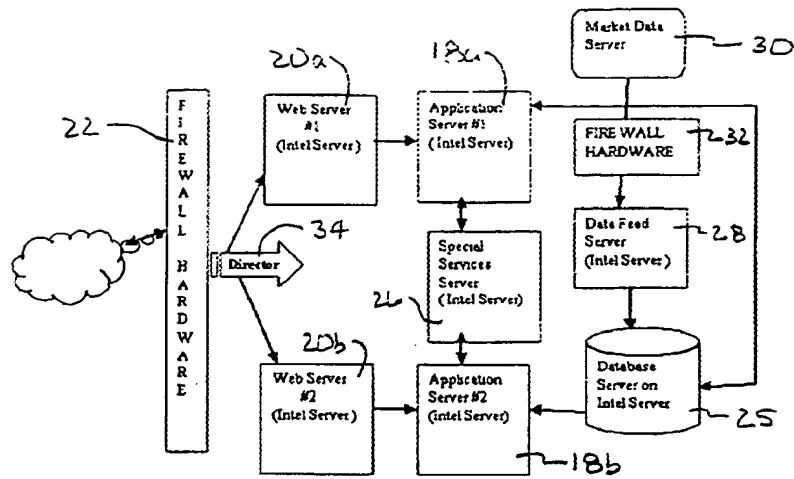


Fig. 2: Physical Deployment of System - Web Farm

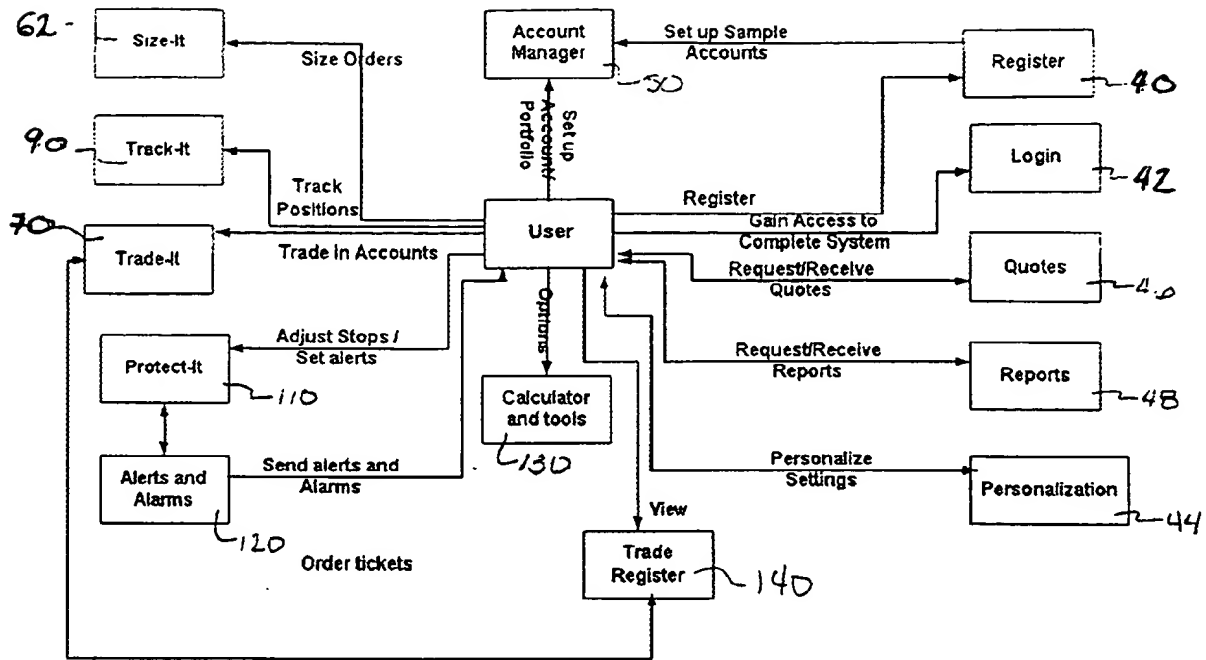


Fig. 3: System Packages

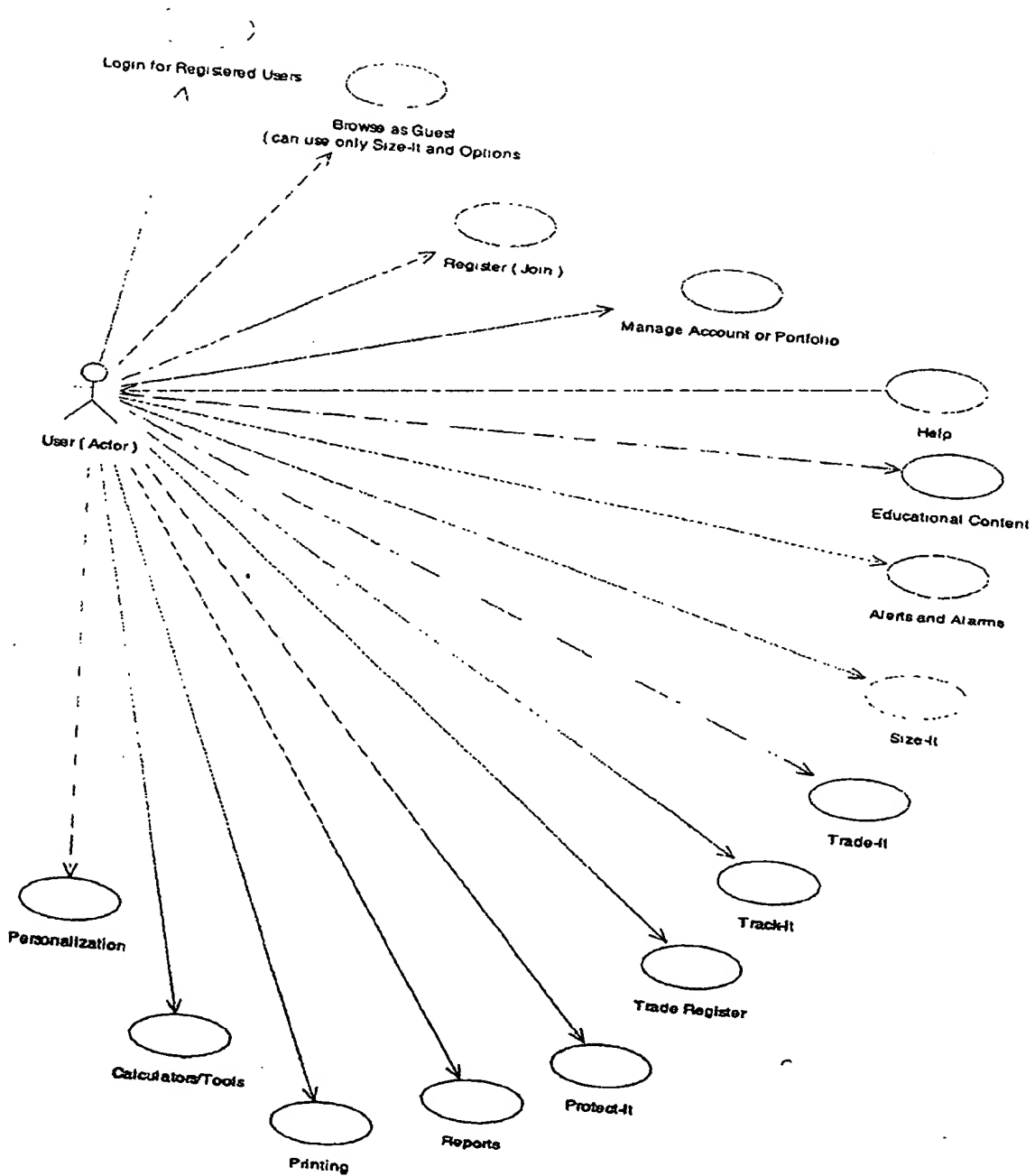


Fig. 4 : Services for the user level

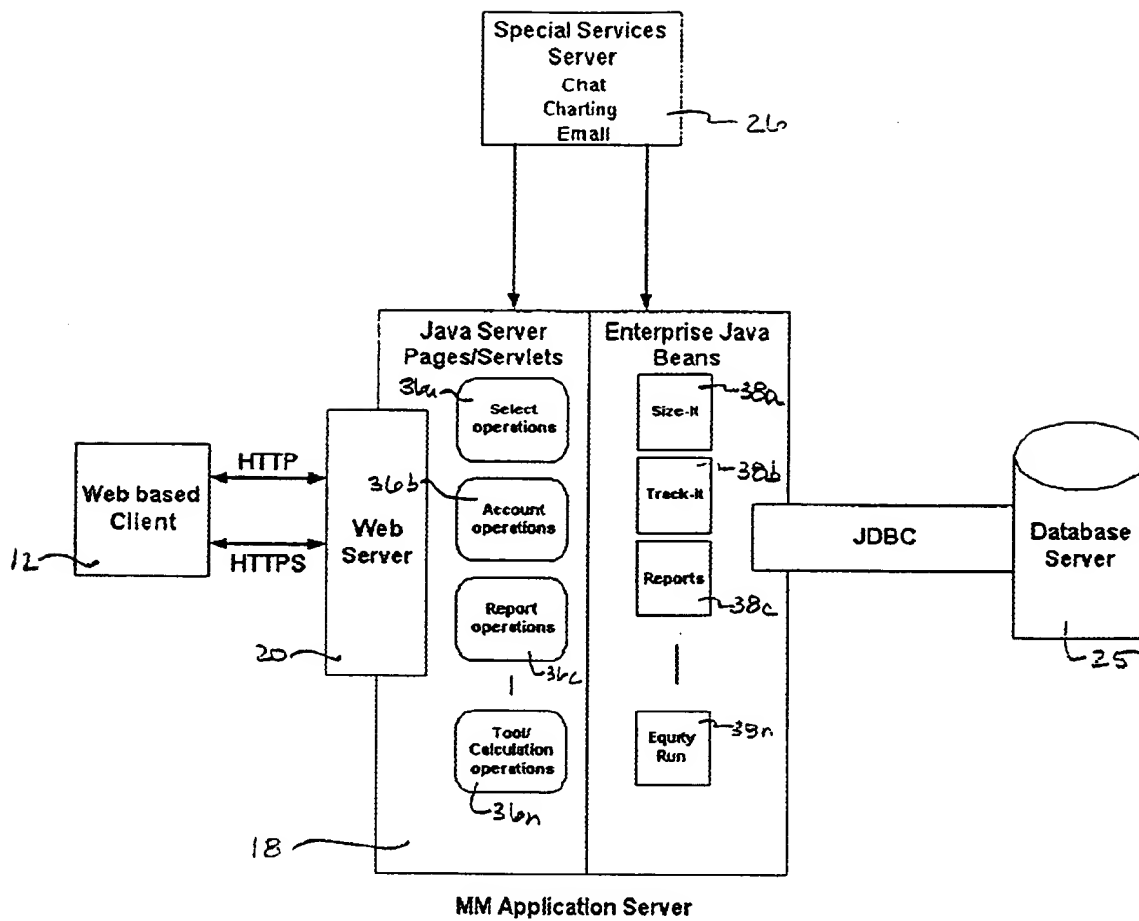


Fig. 5: Logical Deployment of System

Figure 6

User Welcome - MCI WorldCom Internet

Home | Education | Tools

Log Out | Maintenance | Help

Reference | Feedback

Size-It | Trade-It | Protect-It | Risk Report | Performance Report | Trade Register | Calculators

MoneyMaximizer®

Seatbelts for Investors

www.moneymaximizer.com

Risk Report Alerts Quote

Equity: 49980.3984 Rto E % 3.04

1860800033 1518.6678 13288.65

Risk Adj Equity: 19481.34 Buying Power: 86574.0

Click for more detailed Risk Report

People may tell you what and when to buy. Who tells you how much to buy, or when to sell? Capital preservation and determining how much to buy and when to sell have as much impact as choice and timing.

Size-It® is where the process of money management and risk assessment begins. MoneyMaximizer® helps you to determine how many stock shares, mutual fund shares, futures contracts and option contracts to buy or sell.

MoneyMaximizer's® also provides a Derivatives Calculator so you can quickly evaluate the market price of an option, future, or index contract before investing.

Size-It® will automatically link you to Trade-It®, Track-It® and Protect-It®.

For additional information at anytime, feel free to click the help button found on each page. MoneyMaximizer's full description and help will make your journey through the process of money management and risk assessment easier.

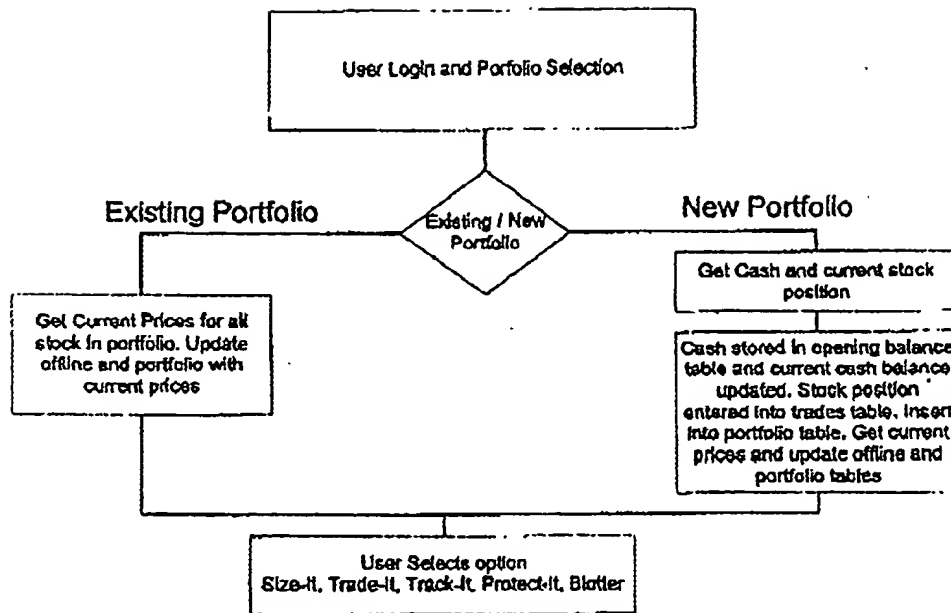


FIG 7

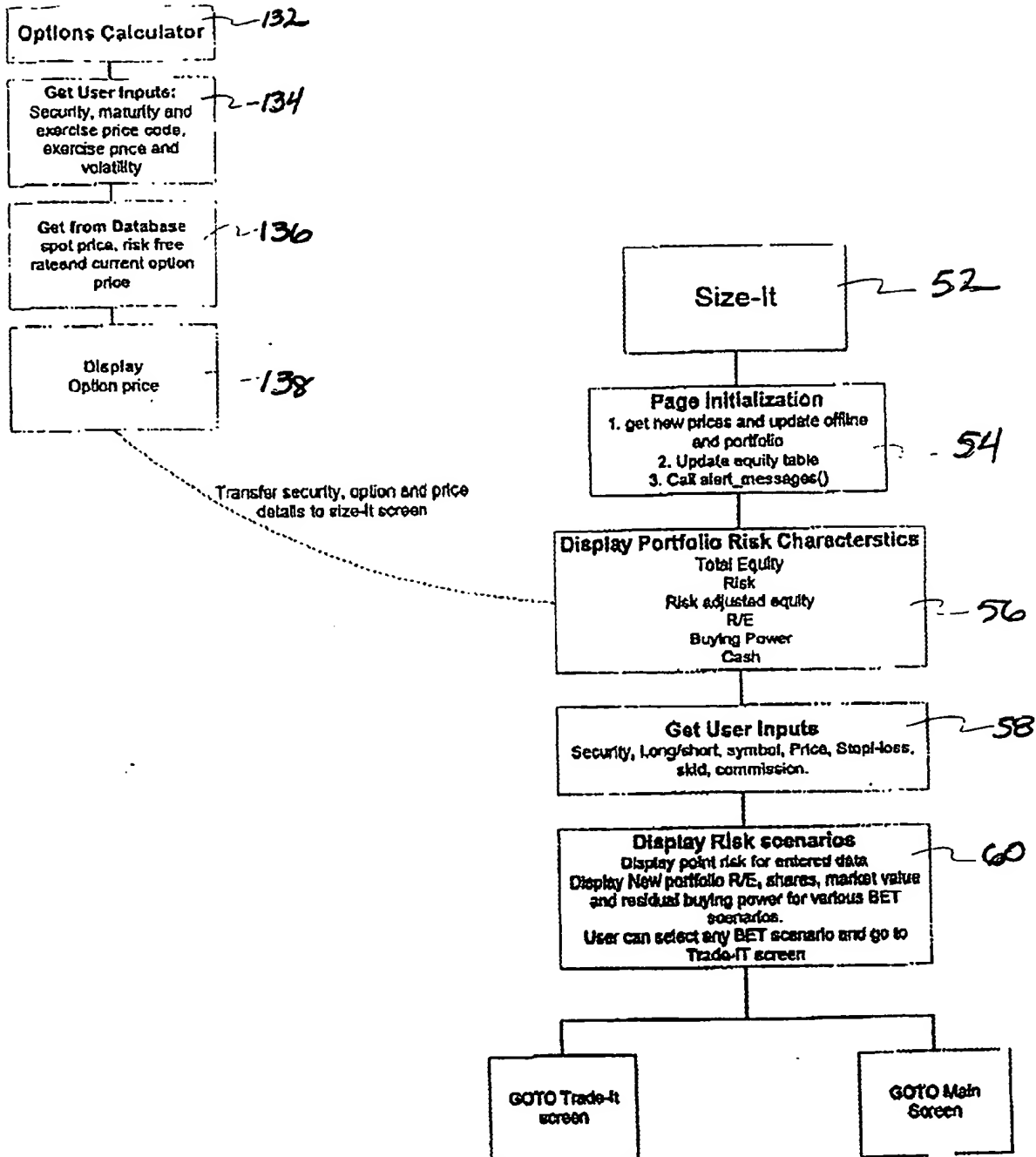


FIG. 8

Figure 9

Sizing your Order - testing

Size-It Calc Port ?

Security: **Stock/MF**

Sizing: **Long**

Symbol: **IBM**

Price: **108.500000**

Stop: **90.000000**

Slack: **1.000**

Commission: **0.181**

Point Risk: **19.681000**

Equity Planned: **161970.05**

Risk: **1.35%**

Risk to Position: **100%**

Buyer Power: **1000000.00**

Risk: **50.000000**

BM International Business Machines

New B/E	Size	Chin	Shares	Market Value	Buy Power
4.18%	2.75%		87	\$9,439	103,435
4.43%	3.00%		94	\$10,199	102,676
4.68%	3.25%		102	\$11,067	101,808
4.93%	3.50%		110	\$11,935	100,940
5.18%	3.75%		118	\$12,803	100,072
5.43%	4.00%		126	\$13,671	99,204
5.68%	4.25%		134	\$14,539	98,336
5.93%	4.50%		142	\$15,407	97,468
6.18%	4.75%		150	\$16,275	96,600
6.43%	5.00%		157	\$17,143	95,732
7.43%	6.00%		189	\$20,506	92,368
8.43%	7.00%		220	\$23,870	89,005
9.43%	8.00%		252	\$27,342	85,533
10.43%	9.00%		283	\$30,705	82,169
11.43%	10.00%		315	\$34,177	78,697
13.93%	12.50%		394	\$42,749	70,126
16.43%	15.00%		472	\$51,212	61,663
18.93%	17.50%		551	\$59,783	53,091
21.43%	20.00%		630	\$68,355	44,520

Print **Close**

00587619.000000

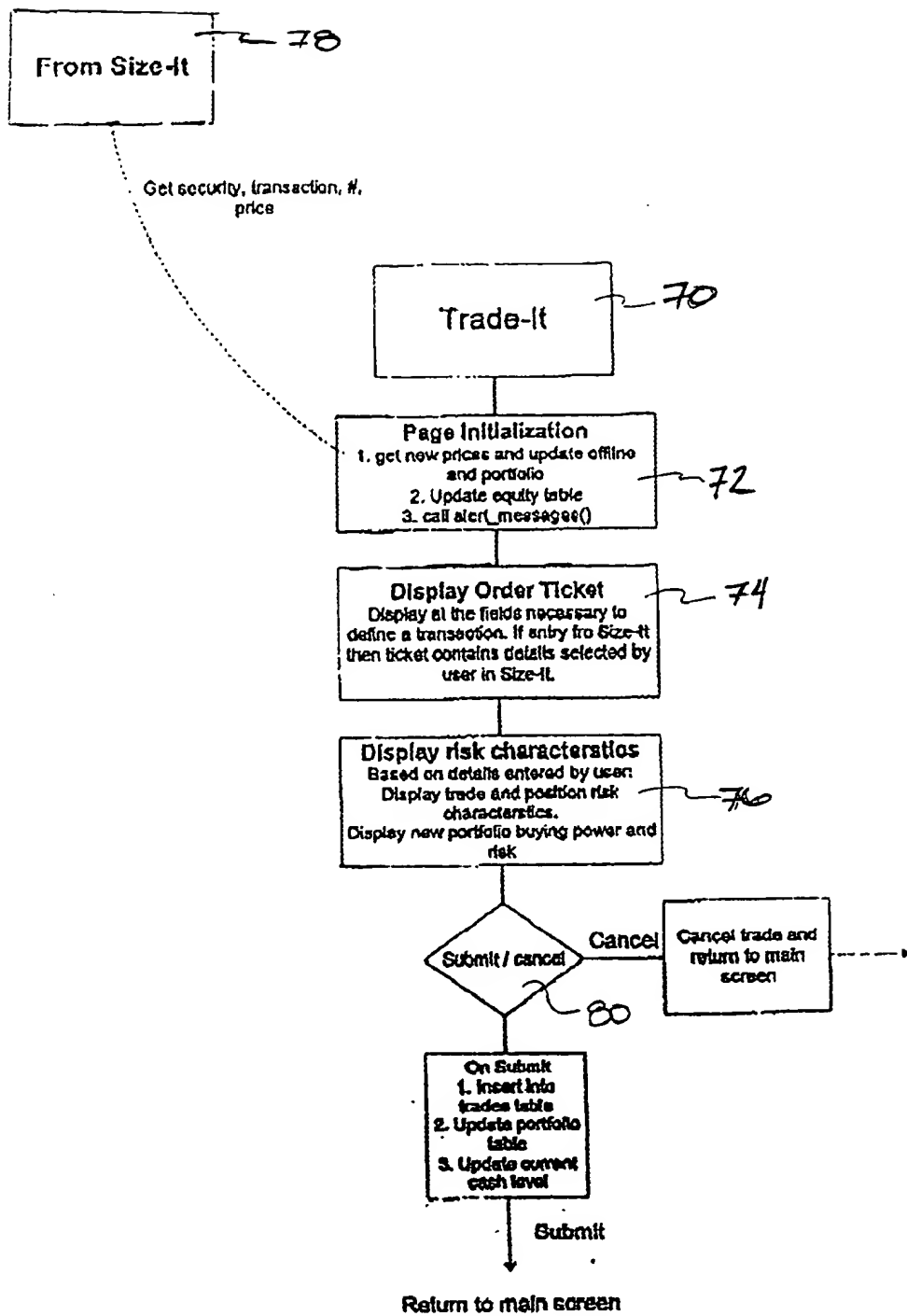


FIG. 10

Figure 11

Order Ticket - testing

Trade-It
Order Ticket

Trade Date: 06/04/2000 Time: 22:58
Settle Date: 06/07/2000

S/FID: Stock/MF Transaction: Buy

Symbol: IBM Shares: 102 Price: 106.50000
IBM International Business Machines Cost: \$10,861.46

Stop: 90.00000 Alert: 95.00000 Stop Expires On: 07/04/2000

Broker: JCS Commission - per Shr: 0.18098 Lump Sum: 18.46

Limit Alarm Lower: 92.00000 Upper: 115.00000

Portfolio: NO POSITIONS FOUND

Positions/Stop:

Position	Trade	Position
Equity	27715	27715

Your Current Buying Power is: \$10,861.46
Your New Buying Power Will Be: \$10,861.46
Your Current Portfolio Risk is: 0.00

Print Submit Cancel

12/28

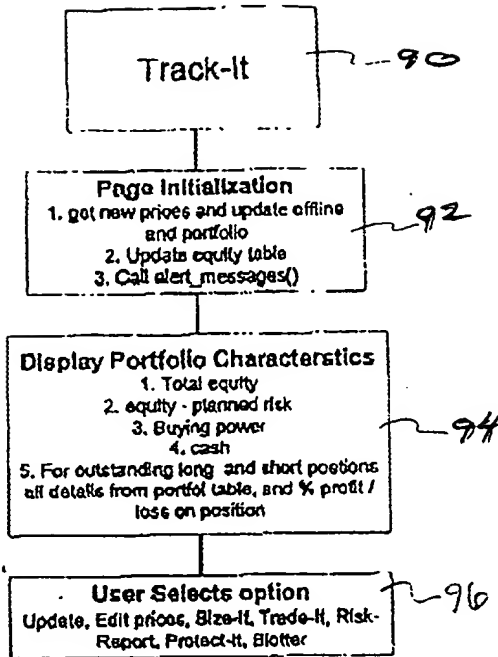


FIG. 12

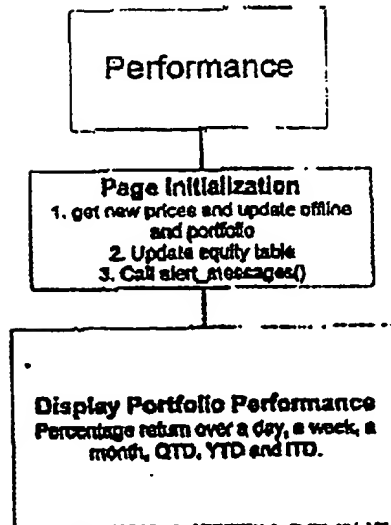
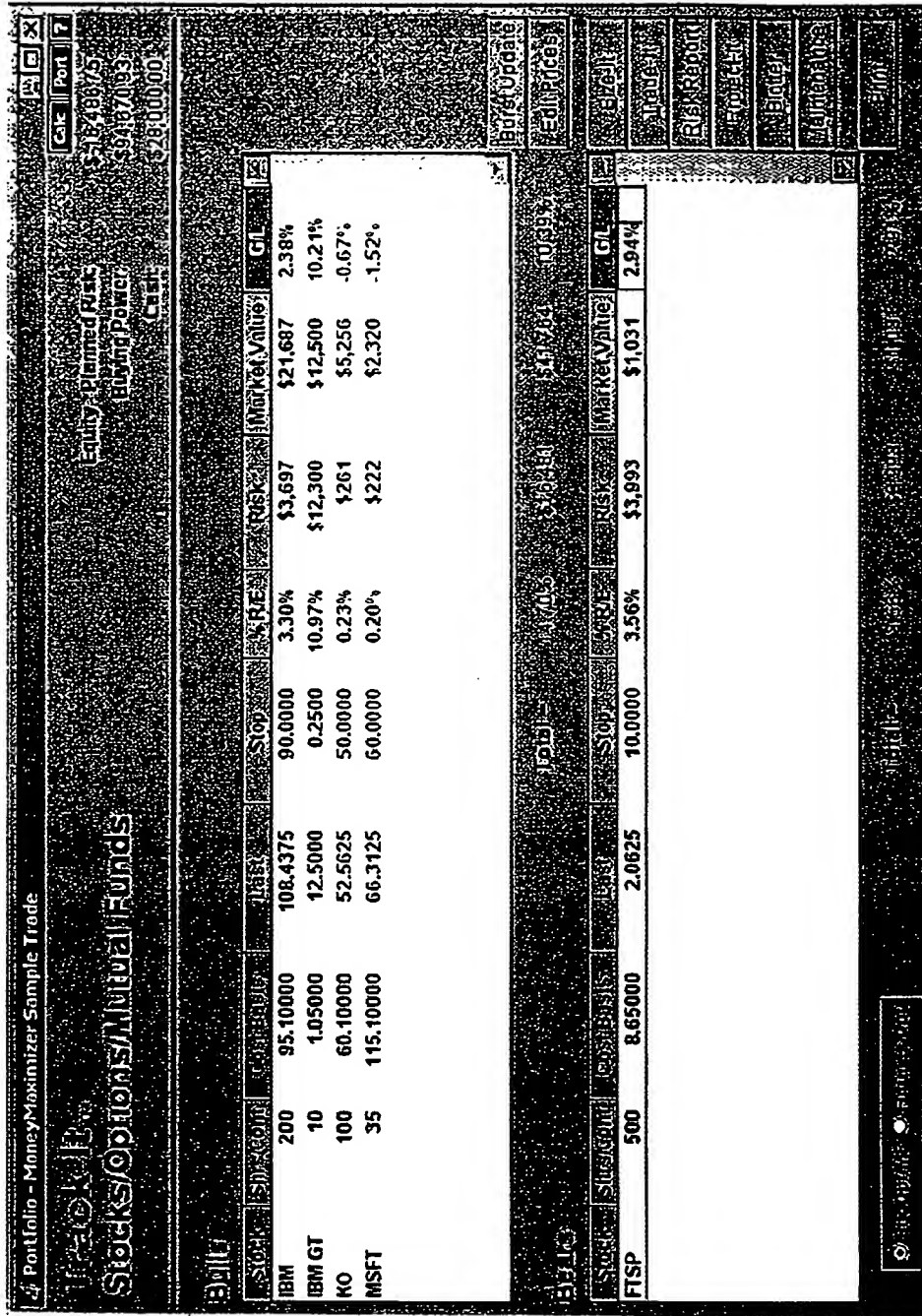


FIG. 17A

Figure 13



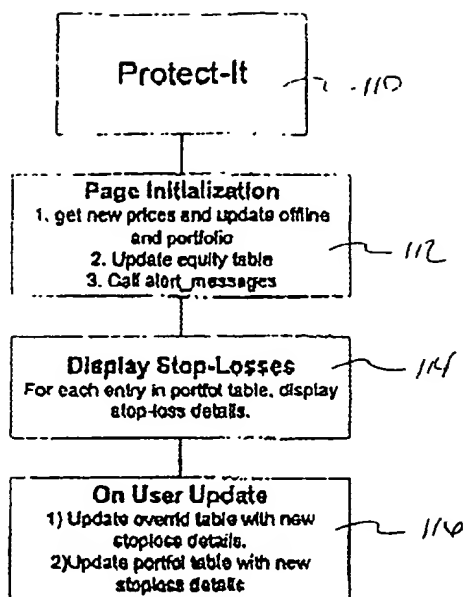


FIG. 14

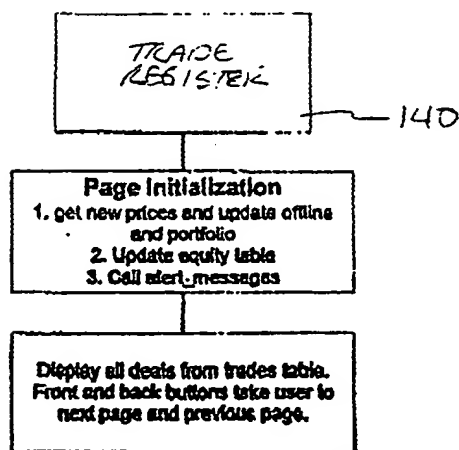


FIG. 19

Action	Name	Symbols	Status	SEL Stop	Bkly Stop	Broker	Expiry Date
CYS STOP	First Team Sports Inc	FTSP	500			MENI	01/07/99
SEL STOP	IBM International Business M	IBIM	200	00000000		MENI	01/07/99
SEL STOP	G Jul - IBM International Bush	IBIM QT	10	U-500000		MENI	01/07/99
SEL STOP	Coca Cola Co	KO	100	50000000		MENI	01/07/99
SEL STOP	Microsoft Corp	MSFT	35	50000000		REC	01/02/02

Add Contingent Order

Action	Name	Symbols	Contracts	SEL Stop	Bkly Stop	Broker	Session Expiry
SEL STOP	Crude Oil Light Sweet	@CL.U	1			MENI	01/07/99
SEL STOP	Cotton No. 2	@CT.V	5			MENI	01/07/99
SEL STOP	U.S. Dollar Index (FNE)	@DX.U	2			MENI	01/07/99
BUY STOP	U.S. Treasury Bond 30 Yr.	@US.U	2			MENI	01/07/99

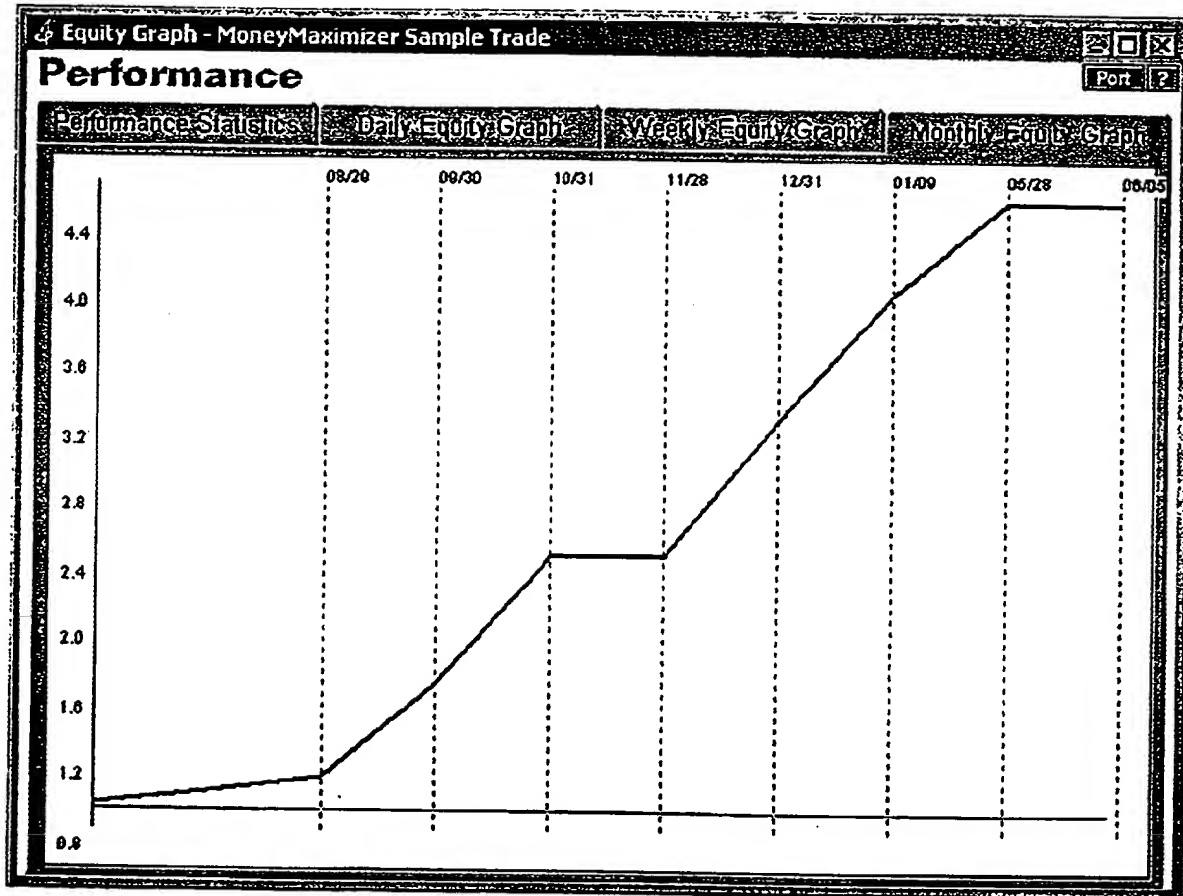
Double Click on stop to change

Delete Contingent

Figure 16

Risk Report - MoneyMaximizer Sample Trade				
TOTAL		STOCKS/MF	FUTURES	OPTIONS
Equity-Risk	\$46,233.25			
Planned Risk:	\$8,726.75	\$4,996.75	\$3,730.00	\$0.00
R/E %:	15.88%	9.09%	6.79%	0.00%
Equity:	\$54,960.00	\$54,725.00	\$235.00	
Est. Buying Power:	\$75,775.00			
TRADE DATE BALANCE:		\$28,050.00		
WITHDRAWABLE FUNDS:			\$1,000.00	
ENDING BALANCE:			\$1,000.00	
<< Off Line >>				

Figure 17



005000 - 05/2/2000

Figure 18

Theoretical Option Price Calculator

Option Type ☒ Stock ☐ Future ☐ Currency ☐ Index

Spot Price Exercise price

Maturity - Month Year → Days

Rate Volatility

Index: Name Add/Edit Divisor

To Calculate Implied Volatility, Enter Market Price

Enter Dividends		Calc Results	Put Results
	Date	Amount	
Enter up to 5 dividends to be paid between now and the maturity date:	1 //	0.0000	
	2 //	0.0000	
	3 //	0.0000	
	4 //	0.0000	
	5 //	0.0000	

005000" 679/8560

[illegible]

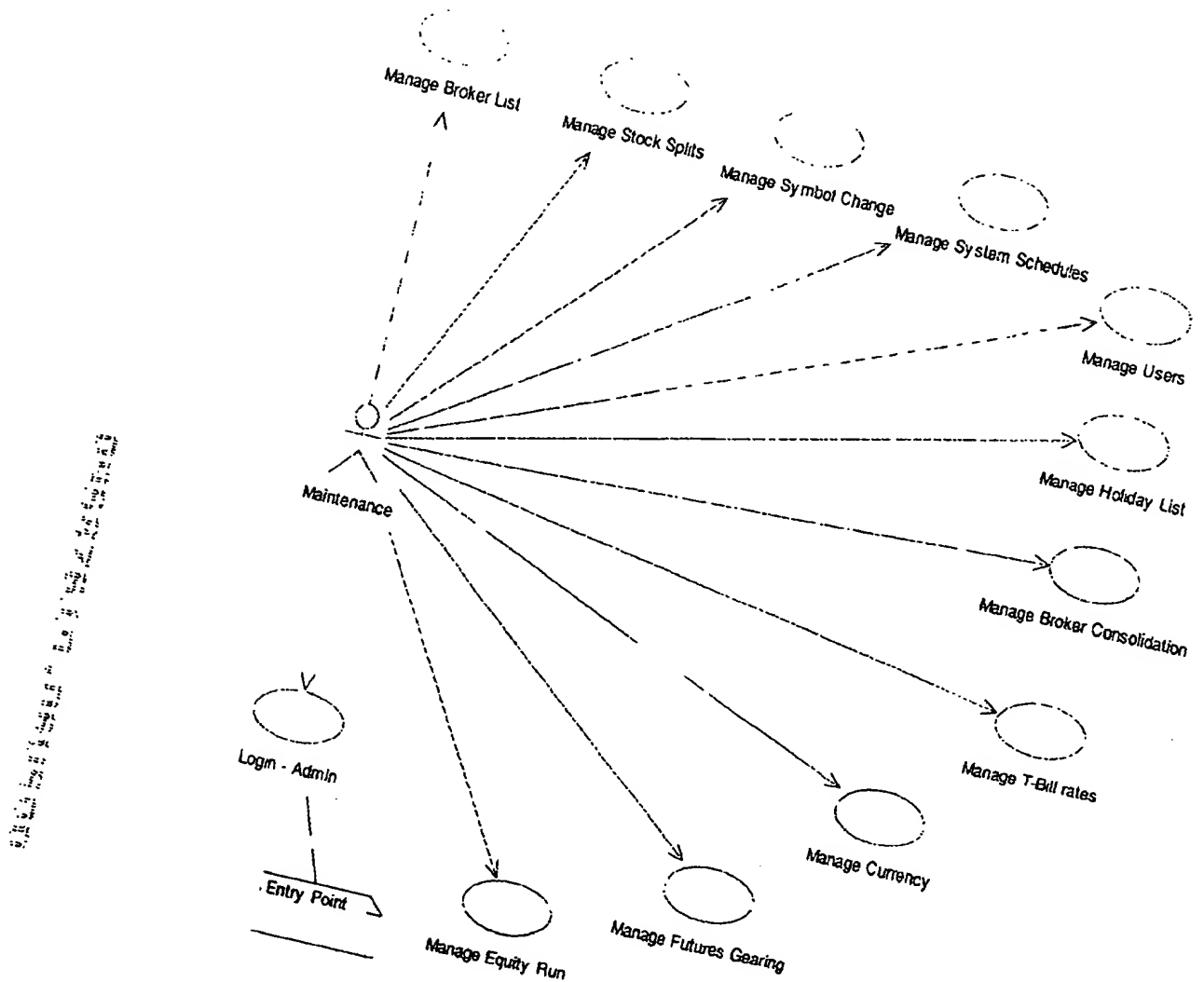


Fig. 2/: Administration and Maintenance Services

- * corecalc.prg
- * Procedure to perform core calculations as needed
- * when called, main proc will provide "receptacle" params to be passed back

PARAMETERS mport,m_mkt,m_risk,mpr,mr,missue

* mport = Stock, Future, Option, All, Position

* m_mkt,m_risk = passback for mktval, risk, power

* mr = specific position to check (eg: IBM)

IF mport = "P" && checking position

 missue = LEFT(missue+SPACE(10),10)

ELSE

 missue = SPACE(10)

ENDIF

mselect = SELECT()

SELECT portfol

if eof()

 mProwHold = 0

else

 mProwHold = recno()

endif

m_smkt = 0

m_srisk = 0

m_fmkt = 0

m_frisk = 0

m_omkt = 0

m_orisk = 0

m_imkt = 0

m_iris = 0

m_longs = 0

m_shorts = 0

GO TOP

Fig. 22

```

DO WHILE .NOT. EOF()
  m_imatch = ( stock = missue )  && .t. or .f. result
  **** These two vars are for individual issue values, rest are sums
  mIsVal = 0
  mIsDolrisk = 0

  DO CASE
  CASE sfo = "S"      JUST STOCKS
    mIsVal = FxConv(shares*last_sale,stock)
    IF portfol->short
      m_smkt = m_smkt - mIsVal
      mIsDolrisk = FxConv(shares*ABS(stop-last_sale) + comm_in*shares,stock)
      m_shorts = m_shorts + mIsVal
    ELSE
      m_smkt = m_smkt + mIsVal
      mIsDolrisk = FxConv(shares*ABS(last_sale-stop) + comm_in*shares,stock)
      m_longs = m_longs + mIsVal
    ENDIF

    m_srisk = m_srisk + mIsDolRisk
    IF m_imatch
      m_inkt = m_inkt + mIsVal
      m_irisk = m_irisk + mIsDolrisk
    ENDIF
  CASE sfo = "F"      JUST FUTURES
    IF portfol->short
      mIsVal = FxConv((buy_price-last_sale)*shares*gear,stock)
    ELSE
      mIsVal = FxConv((last_sale-buy_price)*shares*gear,stock)
    ENDIF
    m_fmkt = m_fmkt + mIsVal
    IF portfol->short
      mIsDolrisk = FxConv(shares*ABS(stop-last_sale)*gear +
        (comm_in*shares),stock)
      m_frisk = m_frisk + mIsDolrisk
    ELSE
      mIsDolrisk = FxConv(shares*ABS(last_sale-stop)*gear +
        (comm_in*shares),stock)
      m_frisk = m_frisk + mIsDolRisk
    ENDIF
    IF m_imatch
      m_inkt = m_inkt + mIsVal
      m_irisk = m_irisk + mIsDolrisk
    ENDIF
  CASE sfo = "O"      JUST OPTIONS
    mIsVal = FxConv(shares*last_sale*100,stock)
    IF portfol->short
      m_omkt = m_omkt - mIsVal
      mIsDolrisk = FxConv(100*shares*ABS(stop-last_sale) + (comm_in*shares),stock)
      m_orisk = m_orisk + mIsDolrisk
      m_shorts = m_shorts + mIsVal
    ELSE
      m_omkt = m_omkt + mIsVal
      mIsDolrisk = FxConv(100*shares*ABS(last_sale-stop) + (comm_in*shares),stock)
      m_orisk = m_orisk + mIsDolrisk
      m_longs = m_longs + mIsVal
    ENDIF
    IF m_imatch
      m_inkt = m_inkt + mIsVal
      m_irisk = m_irisk + mIsDolrisk
    ENDIF
  ENDCASE
  SKIP
ENDDO

```

Fig. 23

```

DO CASE
CASE mport = 'A'      ALL/TOTAL EVERYTHING
    m_mkt = m_smkt + m_fmkt + m_omkt
    m_risk = m_srisk + m_frisk + m_orisk
CASE mport = 'S'      JUST STOCKS
    m_mkt = m_smkt
    m_risk = m_srisk
CASE mport = 'F'      JUST FUTURES
    m_mkt = m_fmkt
    m_risk = m_frisk
CASE mport = 'O'      JUST OPTIONS
    m_mkt = m_omkt
    m_risk = m_orisk
CASE mport = 'P'      JUST INDIVIDUAL POSITIONS
    m_mkt = m_inkt
    m_risk = m_iris
ENDCASE

mpwr = (2*(mtdbalance+mwdbalance+m_longs-m_shorts)) - m_longs - m_shorts

sele portfol
if mProwHold > 0
    goto (mProwHold)
endif
SELECT (mselect)

RETURN

```

Fig. 24

Figure 25

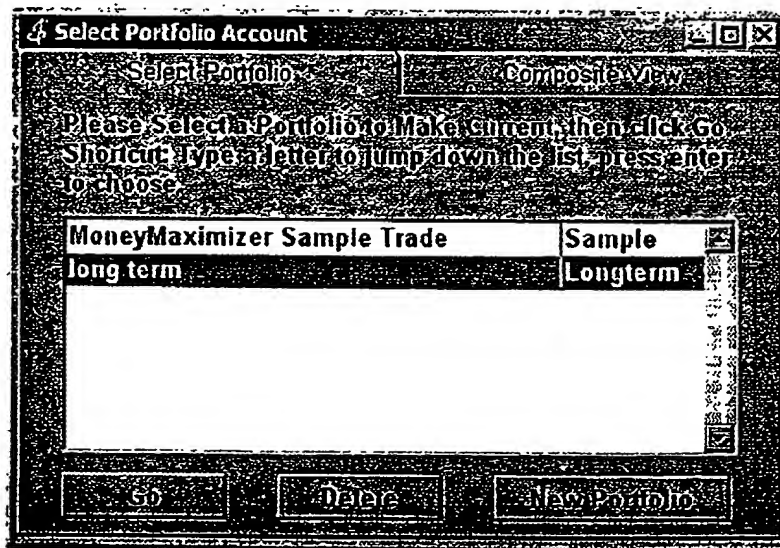


Figure 27

Edit Offline Prices and Names

Symbols and Prices

Symbol	Last Sale
@CL.U	18.760000
@CT.V	73.150000
@DX.U	93.050000
@US.U	114.500000
FTSP	9.000000
IBM	99.000000
KO	70.000000
MSFT	125.000000

Brokers

Broker	Id
JC	
MENT	

Names

Fast Search By: ☐ Name ☐ Symbol

Symbol	Name
AT;A	
AT;ABX	
AT;AC	
AT;ADMP	
AT;AEC	
AT;AGEA	
AT;AGR	
AT;AIT	

Figure 28

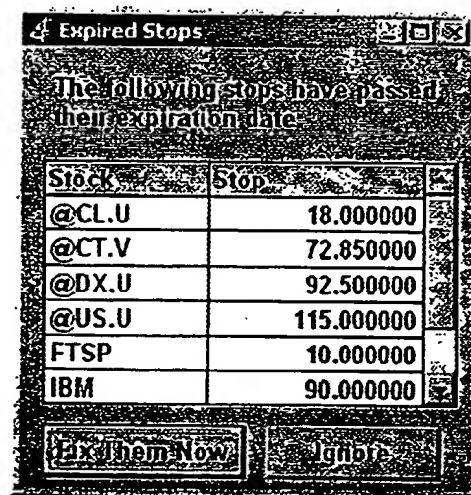
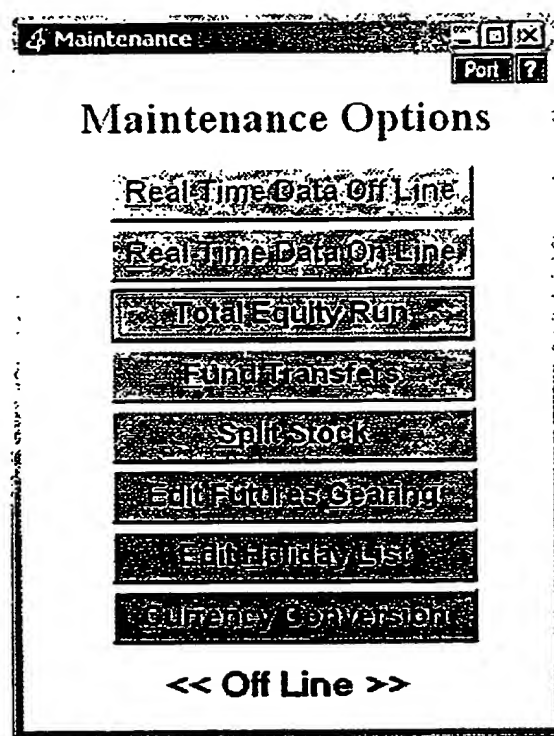


Figure 29



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